ER-2 #809 11/08/16

Aircraft:

ER-2 #809 (See full schedule)

Flight Number:

17-9004

Payload Configuration:

GCAS, FEGS, CAFE, LIP Nav Data Collected:

Yes

Total Flight Time:

3.4 hours

Comments:

Conducted engineering check flight for three instruments that are new for the ER-2 ? FEGS, GCAS, and CAFE. Flew a couple passes over Owens dry lake and some East-West lines over downtown Los Angeles.

Submitted by:

Ken Norlin on 11/08/16

Flight Segments:

| From: | PMD | То: | PMD | |
|--------------------|---|---------|-------------------|--|
| Start: | 11/08/16 17:58 Z | Finish: | 11/08/16 19:10 Z | |
| Flight Time: | 1.2 hours | | | |
| Log Number: | 172022 | PI: | Richard Blakeslee | |
| Funding Source: | Steven Goodman - NOAA - GOES-R Program Senior Scientist | | | |
| Purpose of Flight: | Check | | | |

| From: | PMD | То: | PMD | |
|--------------------|---|---------|------------------|--|
| Start: | 11/08/16 19:10 Z | Finish: | 11/08/16 20:16 Z | |
| Flight Time: | 1.1 hours | | | |
| Log Number: | 172023 | PI: | Scott Janz | |
| Funding Source: | Jassim Al-Saadi - NASA - SMD - ESD GEO-CAPE Program Scientist | | | |
| Purpose of Flight: | Check | | | |

| From: | PMD | То: | PMD | |
|--------------------|--|---------------------------------|-----|--|
| Start: | 11/08/16 20:16 Z | Finish: 11/08/16 21:19 Z | | |
| Flight Time: | 1.1 hours | | | |
| Log Number: | 172027 | PI: Thomas Hanisco | | |
| Funding Source: | Pamela Millar - NASA - SMD - ESD ESTO Program Manager - AITT Pgm Mgr | | | |
| Purpose of Flight: | Check | | | |

Flight Hour Summary:

| | 162029 | 172022 |
|----------------------------------|--------|--------|
| Flight Hours Approved in SOFRS | 12 | |
| Flight Hours Previously Approved | | 12 |
| Total Used | 0 | 5.4 |
| Total Remaining | | 6.6 |

172022 Flight Reports

| Date | Flt # | Purpose of Flight | Duration | Running Total | Hours Remaining |
|----------|---------|-------------------|----------|---------------|-----------------|
| 11/08/16 | 17-9004 | Check | 1.2 | 1.2 | 10.8 |
| 11/14/16 | 17-9005 | Check | 3.2 | 4.4 | 7.6 |
| 04/06/17 | 17-9023 | Check | 1 | 5.4 | 6.6 |

172023 Flight Reports

| Date | Flt # | Purpose of Flight | Duration | Running Total | Hours Remaining |
|----------|---------|-------------------|----------|---------------|-----------------|
| 11/08/16 | 17-9004 | Check | 1.1 | 1.1 | 4.9 |

| 03/22/17 | 17-9020 | Check | 1.8 | 2.9 | 3.1 |
|-----------------------|---------|-------------------|----------|---------------|-----------------|
| 172027 Flight Reports | | | | | |
| Date | Flt # | Purpose of Flight | Duration | Running Total | Hours Remaining |
| 11/08/16 | 17-9004 | Check | 1.1 | 1.1 | 8.9 |
| 11/14/16 | 17-9005 | Check | 3.2 | 4.3 | 5.7 |
| 11/15/16 | 17-9006 | Check | 3 | 7.3 | 2.7 |

Source URL: https://airbornescience.nasa.gov/flight_reports/ER-2_809_11_08_16

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Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

| | 162004 | 172027 |
|----------------------------------|--------|--------|
| Flight Hours Approved in SOFRS | 10 | |
| Flight Hours Previously Approved | | 10 |
| Total Used | 0 | 7.3 |
| Total Remaining | | 2.7 |

| | 162030 | 172023 |
|----------------------------------|--------|--------|
| Flight Hours Approved in SOFRS | 6 | |
| Flight Hours Previously Approved | | 6 |
| Total Used | 0 | 2.9 |
| Total Remaining | | 3.1 |